516 knee up; this commonest sitting position, referred to as mi·išit. (b) When sitting leaning against tree or other back rest, legs extended straight forward, feet crossed. (c) Sometimes sat Turk fashion, but "not much" (SM).

Women sat (a) right knee bent, right leg and inner side of foot extended backward on ground, with weight of body resting on right heel; left foot flat on ground, knee up. (b) Both legs bent under body, weight of body resting on ground, feet slightly protruding from under left thigh. (c) When sitting against tree, legs extended straight forward, feet crossed. (d) Turk fashion often used when working with materials in lap. (e) When using large portable mortars, women sat with legs extended straight out in front on either side of mortar.

516 482 887 Men, women used cane (nahat), 4-5 ft. long, made of willow or hard wood, "when packing something heavy"; older people used it as aid in walking over rough country; cane kept in house as regular article of use.

201 Direction indicated by turning head, tossing it slightly and pouting lips noticeably; FP did this habitually, SM less markedly. Amused semi-embarrassment or surprise indicated as among [171] Mohave (Kroeber, Handbook, 729); MM, a man, used this gesture frequently, ES, a woman, sometimes; [773] myth refers to its use by Coyote (Voegelin, 1935 b, 199). Informants gestured frequently while [537] narrating myths, etc.; also to some degree in ordinary conversation.

AESTHETICS AND KNOWLEDGE

517 Aesthetics.- Although art forms relatively undeveloped save in province of basketry, Tübatulabal were not lacking in sense of aesthetic appreciation. In describing water bottles, FP, LT commented on how "pretty" container looked with red earth smeared over outside. ES thought raccoons had "pretty fur" and wondered immediately afterward why "the old timers never used coonskins." FP consented to be tattooed because it would look pretty and her autobiography contains several [823] references to prettiness of certain objects. In commenting on landscape, however, the economic possibilities seemed of paramount importance; MM's reaction to towering wall of Sierras between Independence and Bishop, in Owens Valley Paiute region, was that the mts. were "too bare"; FP's comment about desert to E was that "one couldn't get anything to eat there."

Sketches of design elements for baskets brought forth only one comment from ES, that certain design was "hard to make." However, in another department of basketry aesthetic appreciation was manifested. Although FP stated that piñon jars (see section on Basketry) "were not given away much; they were just made to put piñons inside," and ES agreed with FP about utilitarian purposes these jars were put to, it was my impression that

1/v [The quick placing of the hand over the mouth.-- Analyst]
[p. 57(b)]

532 figures at pa·la·ku·č (fig. 14), at 3 South Fork sites all figures painted in red; at pa·la·ku·č majority of figures in red, but a few in red and black and one, of snake (?), in black, outlined in yellow.

Little or no plastic representation, except for crude dolls children made; no realistic carving. Tule image of deceased person carried at mourning ceremony (see Rituals).

[778]

531 Symbolism apparently entirely lacking; informants could give no explanations for feather wand, woodpecker bands, other paraphernalia carried at mourning ceremonies (see Rituals); one item common among Great Basin, California tribes, that of decorating baby cradles according to sex of child (Kelly, 134; Steward, 1933, 273; Kroeber, Handbook, 536) consistently denied among Tübatulabal. A few basket patterns had descriptive names (ante).

[171]

802 Knowledge.- Decimal system used; count has been recorded (Voegelin, 1935 a, 178). Large numbers of rabbits, fish which were to be divided between several persons had to be portioned out. Sticks, marks in sand not used in division.

805 Year (šuwa·l, world) divided into u·dalami·k, fall, "when the sun is shorter" (SM); tomo·waš, winter; taha·waš, summer, "when the sun goes higher" (SM). Doubtful if solstices observed. Year divided into lunations, months starting on each crescent moon; some lunations named descriptively: ču·u·ga·nan čuwi·la·t, icicles hanging down (January?), which was followed by hu·litap, everything green; ku·la·^{wit}, when grass is ready to bloom; ibi·n wi·^{yal}, time when flowers bloom. Rest of lunations unnamed or informants had forgotten their names; no month names taken from names for fingers.

821 773 Stars (šu·l) not used at night for guidance; not counted above 3 (Voegelin, 1935 a, 179) because "a long time ago the Indians counted all the stars and they died; that's why they're afraid to count them now" (SM). Milky Way (owi·dinpo'in, dove's fire) caused by doves who "made a fire and the smoke went white" (SM); this part of myth which SM would not tell in summertime. "The Mexicans say the Milky Way is piñole" (SM). Pleiades (a·na·wišt) are 7 women who left husbands and went up in sky. Morning star (yeu'wišn) seemed to have no myth connected with it. SM had heard of star shower, but had no comments to make.

Crescent moon lying on back presages dry weather; upright it is full of water (SM). Rainbow (tanibo·'in) has myth attached to it.

At eclipse of sun (u·muktal) people put powdered tobacco on palm of hand and blew it toward sun, shouting 3 times, "Sun, don't die; come alive," or similar entreaties. If sun should ever die, large snake (wai·i·ni·š) living up in sky would fall to earth (SM).

● 823 773 Earth dome-shaped, surrounded by water. Earthquakes (šuwa·l šidu·gat, world shaking) caused by woman (p. 60).

Directional terms obsolescent; wi·nan, N, pa·lami·k, W, talami·k, E; possibly others.

[p. 58(b)]

"people didn't know about the man who
771 lived above the sun until the white men told them
776 about God" (SM). Concept of dying benefactor was,
[771] however, part of religious belief and was, moreover, related to jimsonweed complex; "a long time
773 ago Jimsonweed was a man; his name was mo·mo·ht. He said he was going to turn into a plant and if any man was sick or broke he should dig his roots and drink him; then Jimsonweed would give him
[754] something" (SM). Mention has already been made of belief that witches are not powerful enough to destroy efficacy of this plant. But aside from addressing formula to jimsonweed when digging roots, there seems never to have been any form of worship addressed to benefactor. Neither SM, FP had heard of Chungichnich.

794 A few other details of religious belief, how-
771 ever, also seem to relate clearly to so-called jimsonweed cult and 6-god system known among
[771] tribes to W and S (Kroeber, Handbook, 623). SM said that woman, named mane·sa, lived at ayeček,
776 "across the ocean" with 5 brothers who took care
● [823] of her; "whenever this woman turned over in her sleep, the earth quaked." When FP's father administered jimsonweed to FP "he blew on a whistle, so that 2 old men and an old woman who lived on the other side of the world could hear him" (see Autobiography of FP). Informants could not remember names of any of above-mentioned siblings, save woman's. Among Tübatulabal jimsonweed ritual
[757 and pantheon referred to above seem to have
789] existed in attentuated form, with emphasis, so far as use of jimsonweed goes, on its medicinal properties and its use in obtaining supernatural power.

773 When questioned, SM said somewhat dubiously
774 that tobacco had also once been a man, and had also spoken to the people, but that no formula was ever addressed to him. In Yokuts mythology,
[771] according to Dr. Stanley Newman, tobacco personified, and has personal name.

773 Coyote culture hero and trickster; as culture hero he causes earth to be remade after flood (Voegelin, 1935 b, 209), obtains water and fire for people, regulates division of labor (ante), causes death to come into world (Voegelin, ibid). He opposes Eagle, who is also chief (ibid., 207) during mythical age. As trickster, Coyote plays usual rôle of liar, cheat, dupe (ibid., 199, 209, 211). Informants, volunteering comments on Coyote's character, mentioned how puzzling they found his dual rôle; "Coyote--he's bad, mean; but he's good, smart, too; I don't know how that is" (MM).

774 Spirits.- Animals could "hear everything that
776 was said"; this belief extended to all flora as well, but differences of opinion expressed on whether it applied to inanimate objects such as rocks; SM said it did not, MM (ibid.) asserted rocks "tell (Bear) everything." However, rocks, streams seem not so much supernatural in themselves, but to serve as dwelling places for supernatural beings; entire region in which Tübatulabal lived peopled with many varieties of such beings,

T 821 789 791 Among Tübatulabal, rain machines sometimes buried at owner's death (SM); SM, however, had expected to inherit his stepfather's outfit, before key part of it was stolen, and be taught songs which accompanied its use; what remained of outfit SM had, in 1932, in his possession (pl. 1a).

T 754 791 Bear shamans.- Bears feared, respected (Voegelin, 1935 b, 215, 219); Bill Viejo Chico, shaman, boastingly said when he died he would turn into bear (FN). Bear shamanism, however, only weakly developed; if man took jimsonweed he might obtain bear as guardian animal, receive song, amulet, such as bearclaw, from bear; one man, who died at Ventura (Tübatulabal?), took jimsonweed, obtained bear song, which he sang at night in sweat house while among Tübatulabal (SM). FP said man with power from bear cured people by singing, smoking; never sucked out disease, but kept patient with him all night. All informants agreed persons who obtained power from bear never dressed like bears nor changed into bears.

T [75] C [171] Bear shamanism, strongly developed according to my informants among Chumash, was, however, of great interest to Tübatulabal. SM had heard from grandfather of prowess of Ventura bear shamans, who used dried bearskins which were stored in cave N of Tejon. "When they got mad at each other they used to kill persons with that bearskin. Somebody would go over and tell the man who had the bearskin to tell the bear to kill a certain person. Then the owner of the bearskin would talk to it; the bear had sharp black obsidian knives at his elbows and would grab a man, slash him and kill him. When they first made that bearskin, no one would tell when he saw it, because if you told, the bear would kill you. The Tübatulabal didn't do this; just the Ventura Indians" (SM).

C 773 754 791 [411] 789

C T 754 789 791 T [823] Chumash also had peculiar development of bear shamanism which Tübatulabal were aware of but did not imitate; this consisted of "bear machine" which SM's grandfather had told him about, but which SM had never seen. To make machine run, Chumash used white powder (ayi·p, alum?) which they obtained in Tübatulabal territory. Since so little is known of Chumash ethnography, SM's description of Chumash apparatus and its use is given here in full. "The Ventura Indians used a bearhide and made it run like a car. When the old men made this machine they tried that bear. They came over here (to Tübatulabal area) and got white stuff that looks like flour, from a place 10 mi. above Bull Run creek. An old man put the white powder in his mouth and sprayed it out over the bear, talking to the bear all the time. That bearhide was standing up, like a real bear. It had 2 reins on it, like a horse; when the driver wanted to turn around he pulled a rein. He was sitting inside the bear, on a flat rock; he looked out through the eyeholes. They traveled at night only, and made bear sounds as they traveled. The driver talked to the bear as the bear

159 loads. I liked to go with her to haul wood all
482 the time. And I went with my mother over to the
[253] pit mortars and helped her grind acorns; that's
857 what I knew how to do. All my other sisters stayed home; I only went. The boys would be playing at hunting rats, and the 2 girls cooked for them. Some girls didn't want to grind seeds or haul wood; they used to call me "old woman" because I did that. We would get up early in the morning, about daylight, and build a fire, and then my mother and I would go out. My father would be around the house working; he would go out and get a lot of quail.

159 There was one time when we were living over at
[342] cuhka·yl (no. 17, fig. 11) in a mud and brush
823 house. That's the way the Indians used to do, they just moved all around; they'd camp under
173 some willows, anywhere; they'd keep moving around all the time. A big earthquake came and frightened everybody. I was a little girl then, about 7 yrs. old; afterward my father used to tell me about that earthquake. I remember only a little bit; the springs got white, like milk, when that earthquake came. Everybody cried and went around shouting; there were lots of people living at cuhka·yl PN was living there then. We had to get water to drink from the river at Kernville; the water in the springs was hot and white, just like milk, for about 3 days. Nobody would drink it. I just remember a little bit about it; I know all the children were frightened and cried when the earth quaked.

159 After we left cuhka·yl we moved up where SM
578 lives now, at yĭtiyamup (no. 9, fig. 11). There
[423] were lots of people living there; 5 families. We just camped there in a brush house, and we had a ramada (shade) made from willows. Nobody owned that land then; we just moved around. We children used to play on the big boulders up there; my sister and I pushed a little boy down on one of the boulders; he fell down and hurt himself, and his mother was angry and quarreled with my mother. Then my father and mother got mad and moved up to the pit mortar bed near there; they stayed there 2 days; then we moved up to omomĭp again. They all moved up to omomĭp, all those people living that time at yĭtiyamup; that woman who got angry came along, too. That's the way the Indians did; they moved all around, camping; they should have gotten land. And that woman camped at omomĭp, too. We made a mud and brush house there, different from the ramada.

159 One brother of mine had died while we were stay-
276 ing down at yĭtiyamup. We stayed at omomĭp for 2
757 yrs. I was rather sickly; weak; I didn't feel good, all the time; my father told me to take jimsonweed. Everybody had supper over at our house; I didn't eat anything that whole day. After they had had supper everybody left, and about sundown, when it was getting dark my father said, "I'm going to give you this medicine. You'll be all right."